

THE UNITED STATES PATENT AND TRADEMARK OFFICE

261/049

In re the Application of:

Michael Robert Dunlavey, et al.

Serial No.: 09/823,214

Filed: March 30, 2001

For: INTERACTIVE GRAPHICAL ENVIRONMENT FOR DRUG MODEL GENERATION

Croup Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Description: Not Yet Assigned

Examiner: Not Yet Assigned

Description: Not

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

## INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

CER'	TIFICATE OF MAILING
	(37 C.F.R. §1.8a)
I hereby certify that this paper (along with any refe United States Postal Service on the date shown be addressed to the Commissioner for Patents, Washi	erred to as being attached or enclosed) is being deposited with the low with sufficient postage as First Class Mail in an envelope ington, D.C. 20231.
	Carolyn Tobias
	Name of Person Mailing Paper
September 10, 2001	Carry Februs
Date of Deposit	Signature of Ferson Mailing Paper

$\boxtimes$		OS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1)
		onths of the filing date of the application, which is not a continued prosecution application 53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR §
	•	efore the mailing of a first Office action on the merits; or (4) before the mailing of a first
-	` ,	fter filing a request for continued examination under § 1.114. Thus, no fee is required.
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		However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR §1.17(p) to the deposit account referenced below.
		However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.
on the § 1.311	merits, t	OS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action out before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR
J		The fee due under 37 CFR § 1.17(p) is submitted herewith.
		A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.
П	This ID	OS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR
§ 1.113		otice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A
stateme	ent unde	r 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted
herewi	th.	
		STATEMENT UNDER 37 CFR § 1.97(e):
		em contained in this IDS was first cited in any communication from a foreign patent office
in a co	unterpar	t foreign application not more than three months prior to the filing of this IDS.
$\boxtimes$	No iten	n contained in this IDS was cited in a communication from a foreign patent office in a
counte	rpart for	eign application, and, to the knowledge of the person signing this statement after making
reason	able inqu	airy, no item of information contained in this IDS was known to any individual designated
in 37 (	FR 8 1	56(c) more than three months prior to the filing of this IDS.

## PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES: A check in the amount of \_\_\_\_\_ is enclosed for the above fee(s). Please charge \_\_\_\_ to Deposit Account No. 12-2475 for the above fee(s). The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Lyon & Lyon's Deposit Account No. 12-2475. Respectfully submitted, LYON & LYON LLP Dated: 09/06/2001 By: David T. Burse Reg. No. 37,104

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LYON & LYON LLP 633 W. Fifth Street, Suite 4700 Los Angeles, CA 90071 Please type a plus sign (+) inside this b

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/P SEP 1 7 2001

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

	Complete if Known	
Application Number	09/823,214	
Filing Date	March 30, 2001	4
First Named Inventor	Michael Robert Dunlave	ey, et a
Group Art Unit	Not Yet Assigned	3
Examiner Name	Not Yet Assigned	9
Attorney Docket Number	261/049	

			U.S. PATENT DOCUM	MENTS	
Examiner Initials *	Cite No.	U.S. Patent Document  Kind Code  (if known)	—— Name of Patentee of Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	6,051,029	Paterson et al.	April 18, 2000	·
	AB	6,069,629	Paterson et al.	May 30, 2000	
	AC	6,078,738	Garza et al.	June 30, 2000	
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	FOREIGN PATENT DOCUMENTS								
		Foreign Patent Document			Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant		
Examiner Initials*	Cite No. <sup>1</sup>	Office <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> (if known)	or Applicant of Cited	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T <sub>6</sub>	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark hee if English language Translation is attached.

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(use as many sheets as necessary)

Complete if Known

Application Number 09/823,214

Filing Date March 30, 2001

First Named Inventor Robert R. Dunlavey, et al.

Group Art Unit Not Yet Assigned

Examiner Name Not Yet Assigned

Attorney Docket Number 261/049

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	ુ
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T, 2
	AD	MICHAEL R. DUNLAVEY, Performance Tuning: Slugging It Out!, Dr. Dobb's Journal, Nov. 1993	
	AE	MICHAEL R. DUNLAVEY, Differential Evaluation: a Cache-based Technique for Incremental Update of Graphical Display of Structures, Software Practice and Experience, Vol. 23, No. 8, August 1993, pp 871-893 (Wiley)	
	AF	High Performance System, Inc., http://www.hps-inc.com/index.html, March 2001	
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Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.